ABSTRACT OF THE DISCLOSURE

A method for rapidly executing a series of remote procedure calls between a client and a server, comprising

5   an RPC optimizer (101) that inputs an IDL source code (103) and client source codes (102, 102', ...) so as to define as a new remote procedure a group of remote procedures to be performed by the client in an additional server source code (107). In turn, the RPC optimizer outputs a new IDL source

10   code (106) to which an interface of the remote procedure is added, and new client source codes (105, 105', ...) modified so as to use the remote procedure. This reduces communications involving a plurality of remote procedures to a single communication pass, thereby implementing high-

15   speed communication between the client and the server.